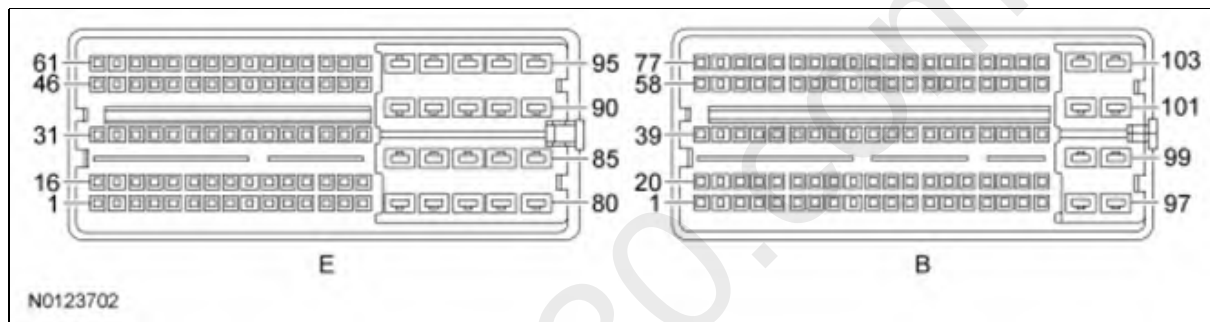


SPARKADV	PID	23.50	11.25	37.25	43.50	DEG
TQ_CNTRL	PID	NONE REQUESTED	IDLE SPEED CONTROL	CRUISE CONTROL	CRUISE CONTROL	STATUS

Other	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
VREF	B52/B61 /B66/E35/E57	5	5	5	5	VOLTS
VPWR	B67/B68	VBAT	VBAT	VBAT	VBAT	VOLTS

2.7L GTDI EDGE

Fig 1: 2.7L GTDI Edge PCM Connector



Courtesy of FORD MOTOR CO.

2.7L GTDI EDGE > TYPICAL DIAGNOSTIC REFERENCE VALUES

Sensors/Inputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
HTRCM12	B1					mA
FPM	B27					%
CAC_T	B32					DEG C (DEG F)
CAC_V	B32					VOLTS
KEYST	B48					ON/OFF
AAT	B51					DEG C (DEG F)
AAT_V	B51					VOLTS
APP2	B54					VOLTS
APP1	B55					VOLTS

O2S22	B56					VOLTS
O2S12	B57					VOLTS
HTRCM22	B61					mA
BOO2	B65					ON/OFF
BOO1	B66					ON/OFF
FTP	B73					VOLTS/Pa (PSI)
FTP_H2O	B73					in-H 20
TCBP	B74					kPa (PSI)
TCBP_V	B74					VOLTS
IAT	B75					VOLTS/DEG C (DEG F)
IAT2	E33					VOLTS/DEG C (DEG F)
MAP	E34					VOLTS/kPa (PSI)
MAP_GAUGE	E34					kPa (PSI)
FRP	E35					VOLTS/MPa (PSI)
CHT2	E36					VOLTS/DEG C (DEG F)
ECT	E37					VOLTS/DEG C (DEG F)
KNOCK_2	E50					N/A
TP2	E52					VOLTS/%
O2S21_CUR	E62					mA/uA
O2S11_CUR	E64					mA/uA
KNOCK_1	E65					N/A
TP1	E68					VOLTS/%
AC_REQ	PID					YES/NO
APP	PID					%
APP_MAXDIFF	PID					DEG
APP_MODE	PID					NO PEDAL/PART PEDAL
APP1 (APP_D)	PID					%
APP2 (APP_E)	PID					%
B+	PID					VOLTS
BRKOVr_ACTION	PID					NUMERIC VALUE
BRKOVrD_POSS	PID					NUMERIC VALUE
DECHOKE	PID					YES/NO
DIST_BRKOVrD	PID					KM (MILES)
EONV_RDY	PID					READY/NOT READY
EQ_RAT11	PID					RATIO

EQ_RAT21	PID					RATIO
ETC_ACT	PID					DEG
ETC_TRIM	PID					DEG
FLI	PID					%
IACKAM2	PID					NUMERIC VALUE
INJPWR_M	PID					VOLTS
KNK_CNTR_CYL1	PID					COUNT
KNK_CNTR_CYL2	PID					COUNT
KNK_CNTR_CYL3	PID					COUNT
KNK_CNTR_CYL4	PID					COUNT
KNK_CNTR_CYL5	PID					COUNT
KNK_CNTR_CYL6	PID					COUNT
LOAD	PID					%
MISFIRE	PID					YES/NO
MP_LRN	PID					YES/NO
NUM_MISFIRE	PID					COUNT
O2S11_IMPED	PID					VOLTS
O2S11_READY	PID					YES/NO
O2S11_TR	PID					Kohm
O2S21_IMPED	PID					VOLTS
O2S21_READY	PID					YES/NO
O2S21_TR	PID					Kohm
OCTADJ_R_LRND	PID					%
RPM	PID					RPM
SYNC	PID					YES/NO
TP1_LRN_TRIM	PID					DEG
TP2_LRN_TRIM	PID					DEG
TPMODE	PID					CLOSED/PART/WIDE OPEN THROTTLE
TURBO_BP1_STAT	PID					FAULT/NO FAULT
TURBO_BP2_STAT	PID					FAULT/NO FAULT
VCT_EXH_ACT1	PID					DEG
VCT_EXH_ACT2	PID					DEG
VCT_EXH_DIF1	PID					DEG
VCT_EXH_DIF2	PID					DEG

VCT_INT_ACT1	PID					DEG
VCT_INT_ACT2	PID					DEG
VCT_INT_DIF1	PID					DEG
VCT_INT_DIF2	PID					DEG
VCTSYS	PID					OPEN LOOP/CLOSED LOOP
VSS	PID					km/h/MPH

Actuators/Outputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
HTR12	B1					ON/OFF
HFC	B4					ON/OFF
EVAPCV	B20					%/ON-OFF
EVAPCP	B22					%
LFC	B23					ON/OFF
FP	B39					%/ON/OFF
HTR22	B61					ON/OFF
VCT_INT_DC1	E1					%
TURBO_BPASS	E3					ON/OFF
HTR11	E14					ON/OFF
O2S11_HTR	E14					%
HTR21	E15					ON/OFF
O2S21_HTR	E15					%
TURBO_WGATE	E16					%
VCT_EXH_DC2	E17					%
VCT_INT_DC2	E18					%
VCT_EXH_DC1	E29					%
CYL_1-6_ACCL	PID					NUMERIC VALUE
ETC [TAC_PCT]	PID					%
EVAP020C	PID					YES/NO
EVAPSOAK	PID					YES/NO
EVAPSTA	PID					STATUS
FUELSYS	PID					OPEN LOOP/CLOSED LOOP
IACRIM	PID					NUMERIC VALUE
LONGFT1	PID					%